



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

received 3/4/14 14:07

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and with
Send copy to Department of Health and Senior Services; retain original in department file.

REVIEWED

By Carol Day at 2:08 pm, Mar 14, 2014

ALCO SENSOR IV SN 102469	PRINTER SN 095.3583.193	DATE OF INSPECTION 02/28/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 2111 County Drive Columbia	TIME OF INSPECTION 10:37 pm
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CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☐ SIMULATOR SOLUTION ☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Intoximeters LOT # AG332202 EXP. DATE 11/18/2015

☐ SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____

☒ CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☐ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☒ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .080

TEST 2 .080

TEST 3 .080

☒ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	1
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE

PRINT NAME

Gabe Edwards

TYPE II PERMIT NUMBER/EXPIRATION DATE

230286 - 11/26/2015

TELEPHONE NUMBER

(573) 875-1111

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

AS IV Serial no: 102469
Version no: 004C

TEST RECORD 00629

Temp Date Time 210L s/
Air Blank: 02/28/14 22:37 .000
Calibration Check: 23 02/28/14 22:37 .000

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

G. Edwards 23028C

Location

2111 County DR.

Columbia

AS IV Serial no: 102469
Version no: 004C

TEST RECORD 00630

Temp Date Time 210L s/
Air Blank: 02/28/14 22:40 .000
Calibration Check: 24 02/28/14 22:40 .000

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

G. Edwards 230286

Location

2111 County DR.

Columbia

AS IV Serial no: 102469
Version no: 004C

TEST RECORD 00631

Temp Date Time 210L s/
Air Blank: 02/28/14 22:42 .000
Calibration Check: 24 02/28/14 22:42 .000

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

G. Edwards 230286

Location

2111 County DR.

Columbia

AS IV Serial no: 102469
Version no: 004C

TEST RECORD 00632

Temp Date Time 210L s/
Void: RPI 12 02/28/14 22:43

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

G. Edwards 230286

Location

2111 County DR.

Columbia



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

Certificate of Analysis

Customer Name

Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 20-Nov-2013

Lot # AG332202

Exp. Date

18-Nov-2015

Cyl. Type

108

Component

Ethanol
Nitrogen

Certified Concentration

0.082 ± 0.002 BrAC (223 ppm)
Balance

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

Serial No.

EB0010581

Concentration

391.8 ppm

EB0010570

259.8 ppm

EB0010285

209.0 ppm

EB0010561

103.7 ppm

EB0010681

52.22 ppm

Serial No.

EB0010603

Concentration

392.5 ppm

EB0010559

258.9 ppm

EB0010595

208.9 ppm

EB0010562

104.9 ppm

EB0010579

52.94 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2013.11.20 14:58:45 -06:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Analyst:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

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PERMIT
TYPE II
GABE EDWARDS

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER, DATAMASTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 11/26/2013

NUMBER 230286

EXPIRES 11/26/2015

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.



Operator EDWARDS, GABE
Permit No 230286
Date Issued 11/26/2013 Date Expires 11/26/2015